

NEW POLICY / GUIDANCE FOR CHART C1 DER's

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Overview

- Final Rules, Notices of Proposed Rulemaking
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- Notices
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Part 21 Final Rule with Request for Comments

- **All New Rules and NPRM's are Available at FAA website, <http://www.faa.gov/avr/arm/nprm/nprm.htm>**
- **Amdt. No. 21-77, Revision of Procedural Requirements for Changed Products**, issued May 31,2000
 - Comments due 8/7/2000
 - Revises 21.19, 21.101, and 21.115
 - Compliance Dates
 - 12/10/2001 for Transport and Restricted Airplanes
 - 12/9/2002 for all other Category Airplanes and Engines

Part 25 Final Rules

- **Amdt. No. 25-99, Revision of Procedural Requirements for Changed Products**, effective 6/7/2000
 - Revises 25.2 to incorporate reference to FAR 21.101(a)
- **Amdt. 25-98, Revision of Gate Requirements for High-Lift Device Controls**, effective 3/10/99
 - Revise the requirements concerning gated positions on the control used by the pilot to select the position of an airplane's high-lift devices
 - Harmonizes these standards with those being adopted by the JAA

Part 27 Final Rule

- **Amdt. No. 27-37, Normal Category Rotorcraft Maximum Weight and Passenger Seat Limitation**, effective October 18, 1999
 - Increases the maximum weight limit from 6,000 to 7,000 pounds and adds a passenger seat limitation of nine
 - These regulations are revised, Section 27.1, .2, 610, .806, .807, .1027, .1185, .1187, .1305, and .1337

Notice - Review of Regulations

- **Review of Regulations now in effect, issued July 7, 2000**
 - Invites the public to tell the FAA which regulations now in effect you believe the FAA should amend, eliminate, or simplify
 - Comment period closed October 11, 2000
 - Contact: Gerri Robinson, ARM-24, (202) 267-9678

NPRM - Part 25 Braking Systems Airworthiness Standards

- Harmonizes US Standards with European Standards (JAA)
- Proposed revisions to 25.731, wheels, and 25.735, brakes and braking systems
- Comment Period Closed November 8, 1999
- Mahinder Wahi, ANM-112, (425) 227-2142

NPRM - Part 25 Landing Gear Shock Absorption Test Requirements

- Harmonizes US Standards with European Standards (JAA)
- Proposed revisions to 25.473, landing load conditions and assumptions, and 25.723, shock absorption tests
- Comment Period Closed October 18, 1999
- James Haynes, ANM-115, (425) 227-2131

Orders Issued/Revised

- **Available at <http://av-info.faa.gov/dst/> - Reference Library**
- **8100.8 - Designee Management Handbook - 11/20/98**
- **8110.4B, Type Certification Handbook - 4/24/2000**
- **8110.37C - DER Handbook - 9/30/98**
- **8110.42A - Parts Manufacturer Approval Procedures - 3/31/99**
 - New format for PMA supplement

Notices Issued

- **Notice 8110.76 - DER to Designated Inspection Representative Notification Process, 9/25/98, cancellation date 9/25/99**
 - Allows DER's to process 8120-10, Request for Conformity, without ACO review
 - Must have coordinated up-front conformity plan that prescribes which RFCs may be processed without FAA involvement
 - Plan defines tracking and paperwork requirements and methods for resolving unsatisfactory findings

Notices Issued

- **Notice 8110.80 - The FAA and Industry Guide to Product Certification, 2/26/99, cancellation date 2/26/00**
 - FAA/Industry Certification Process Improvement (CPI) process
 - Provides a structured approach to the project management of a certification program
 - Emphasis on upfront communication and planning
 - **Strongly encouraged** for TC programs and significant STC projects
- **CPI Guide - FAA and Industry Guide to Product Certification dated January 25, 1999**

Advisory Circulars Issued/Revised

- **Available at <http://av-info.faa.gov/dst/> - Reference Library**
- **183.29HH Consultant DER Directory, dated 3/1/00**
 - Provides listing of all consultant DERs
- **23.1419-2A, Certification of Part 23 Airplanes for Flight in Icing Conditions**
 - Provides guidance and information on compliance with the ice protection requirements of Part 23

Advisory Circulars Issued/Revised

- **23.1309-1(C) - Equipment, Systems, and Installations in Part 23 Airplanes**
 - Provides guidance and information for an acceptable means for showing compliance with the requirements of Sec. 23.1309(a) and (b) (Amendment 23-49) for equipment, systems, and installations in Part 23 airplanes
- **23-17 Systems and Equipment Guide for Certification of Part 23 Airplanes**
 - Provides methods acceptable for showing compliance with the provisions of subparts D and F of 14 CFR part 23 regarding the type certification requirements for transport airplane mechanical systems

Advisory Circulars Issued/Revised

- **25-22, Certification of Transport Airplane Mechanical Systems**
 - Provides methods acceptable for showing compliance with the provisions of subparts D and F of 14 CFR part 25 regarding the type certification requirements for transport airplane mechanical systems
- **25.1419-1, Certification of Transport Category Airplanes for Flight in Icing Conditions**
 - Airframe ice protection systems
- **27-1B, Certification of Normal Category Rotorcraft, 9/30/99**
 - Total revision of 27-1A, incorporates new material plus changes existing paragraphs
- **29-2C, Certification of Transport Category Rotorcraft, 9/30/99**
 - Total revision of 29-2B, incorporates new material plus changes existing paragraphs

Policy Memorandums on the Designee Website

- Available at <http://av-info.faa.gov/dst/> - Reference Library
- AIR-100 Memo 00-01, Proper DAS Program Notification (Letter of Intent) and FAA Response, dated 3/10/00
- AIR-100 Memo 00-02, DAS Certification Activities Performed on Foreign Registered Test Articles and/or at Offsite Locations, dated 3/13/00
- AIR-200/AIR-100 Memo 99-09, Guidance for Developing Undue Burden and No Undue burden Papers Under 14 CFR Part 21
 - Includes Decision Paper Forms for TC and STC Projects
- AIR/AFS Policy Memorandum 2000-03, Issuance of a Special Airworthiness Certificate in the Experimental Category for Show Compliance Flight Testing 3/28/2000
- Interim Policy Guidance for Certification of In-Flight Entertainment Systems on Part 25 Aircraft 9/18/2000

TSO's and Proposed TSO's

- Available at <http://www.faa.gov/avr/air/AIR100/tsohome.htm>
 - Current and Proposed
- Proposed TSO-C140: Aerospace Fuel, Engine Oil, and Hydraulic Fluid Hose Assemblies; January 4, 2000
- Proposed Technical Standard Order (TSO)--C135, Transport Airplane Wheels and Wheel and Brake Assemblies ; August 10, 1999

Materials Fire Test Handbook

- **Aircraft Materials Fire Test Handbook, DOT/FAA/AR-00/12, published April 2000**
- **Supercedes old handbook DOT/FAA/CT-99/15, published Sept 1990**
- **Test Methods in Chapter 1 through 10 and 15 provide an equivalent level of safety with respect to the test methods specified in Appendix F**

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Cooktop Special Condition Issue Paper

- **A Cooktop in transport airplane interiors is not adequately addressed by the existing rules**
- **A special condition issue paper for cooktop is required and will be processed through the Federal Register publication procedure**